STATEMENT

OF

WORK

(SOW)

FOR THE REBUILD OF THE TRAILER, DROPSIDE LOGISTICS VEHICLE SYSTEM

MK-17

NSN 2320-01-176-0468

CONTROL NR: SOW-04-CSLE-08784A-1/1

EFFECTIVE DATE: 1 OCTOBER 03

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Appendix

Appendix A Sample Parts Usage Data Report

A-1 thru A-2

STATEMENT OF WORK FOR THE Trailer, Dropside, Logistics Vehicle System (LVS) MK17 NSN 2320-01-176-0468 REBUILD

- 1.0 <u>SCOPE</u>. This Statement of Work (SOW), along with Rebuild Standard RS 08784A-50, establishes and sets forth tasks and identifies the work efforts that shall be performed by the contractor in the rebuild effort of the Trailer, Dropside, LVS MK-17, hereafter referred to as the LVS MK17. These documents contain minimum requirements to restore the LVS MK-17 to Condition Code "A." Condition Code A is defined as "serviceable/issuable without qualification, new, used, repaired, or reconditioned material which is serviceable and issuable to all customers without limitation or restriction. Includes material with more than six months shelf-life remaining." National Stock Number 2320-01-176-0468 shall be known as the LVS MK17.
- 1.1 <u>Background</u>. Rebuild is defined as "That maintenance technique that determines the repairs necessary to restore equipment components and/or assemblies to a prescribed maintenance serviceability and standard that approximates the original or new condition in appearance, performance, and life expectancy." The Contractor shall disassemble all assemblies/sub-assemblies, inspect, test, repair and/or replace. All worn parts/components that are beyond the specified tolerances and wear limits shall be replaced. Unless otherwise provided for in this SOW all parts and components may be reused if they meet the criteria established in RS 08784A-50.
- 2.0 <u>APPLICABLE DOCUMENTS</u>. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the issue of Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto which is in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards

MIL-STD-129

DoD Standard Practice for Military Markings

2.2 Other Government Documents and Publications. The issues of those documents cited below shall be used.

MI-2320-35/75

Fabrication/Installation of Tool Box Support For the

Logistics Vehicle (LVS) MK14, MK15, MK17

Trailers

MI-2320-25/68

Spacer Blocks on Hydraulic Hose Clamps on the

MK15/17 LVS Crane

MI-08784A-25/1 Installation of Spring Clips on the Logistics

Vehicle, Trailer MK17

MI-08784A-45/2 Air Lift Bracket Installation on the Logistics

Vehicle System, MK17

RS 08784A-50 Depot Maintenance Manual LVS MK17

TM 3080-50 Corrosion Prevention and Control

ATPD 2241 Vehicles, Wheeled: Preparation for Shipment and

Storage of.

DOD 4000.25-1-M MILSTRIP Manual

Military Handbooks (For Guidance)

MIL-HDBK-61 Configuration Management Guidance

2.3 <u>Industry Standards</u>

ANSI/ISO/ASQC Q9002-1994 Quality Systems-Model for Quality Assurance in

Production, Installation, and Servicing

Industry Standards (For Guidance)

ANSI/EIA-649 National Consensus Standard for Configuration

Management

Copies of Military Standards and Specifications are available from the DOD Single Stock Point, Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA. 19111-5094, Telephone (215) 697-2179 or DSN 442-2179, or http://www.dodssp.daps.mil. Copies of other government documents and publications required by contractors in connection with specific SOW requirements shall be obtained through the Contracting Officer: Contracts Department (Code 891) P.O. Drawer 43019, 814 Radford Blvd., MCLB, Albany, Georgia 31704-3019, commercial telephone number (229) 639-6761 or DSN 567-6761. Copies of engineering drawings, if applicable, shall be obtained from Supply Chain Management Center, Attn: Code 583-1, 814 Radford Blvd. Suite 20320, Albany, Georgia 31704-0320, commercial telephone number (229) 639-6410 or DSN 567-6410.

3.0 REQUIREMENTS.

3.1 General Tasks. In fulfilling the specified requirements, the contractor shall:

- a. Provide materials, labor, facilities, repair parts, and missing parts necessary to inspect, diagnose, restore, and test the LVS MK17. Upon completion of rebuild, repaired vehicles shall be Condition Code "A."
- b. Provide all tools and test equipment required to test, inspect, and calibrate the LVS MK17.
- c. Conduct final on-site testing for witness by a Marine Corps Systems Command (MCSC) (CLSE), Albany, GA representative.
- d. Be responsible for all structural, electrical and mechanical requirements associated with the restoration of the LVS MK17.
- e. Be responsible for all corrosion prevention and control in accordance with the latest TM 3080-50.
- 3.2 <u>Detailed Tasks</u>. The following tasks describe the different phases for rebuild of the LVS MK17:
- 3.2.1 Phase I- Pre-Induction. A Pre-Induction Inspection Analysis is not required since the LVS MK17 is a rebuild effort.
- 3.2.2 <u>Phase II REBUILD</u>. Rebuild of the LVS MK17 shall be accomplished in accordance with this SOW and RS 08784A-50 at the contractors facility. Rebuild of the LVS MK17 shall be accomplished by the application of contractor maintenance techniques by experienced journeyman level personnel to meet quality standards and inspection criteria contained in RS 08784A-50.
- a. <u>Data plate</u>. LVS MK17 shall have a rebuild data plate located next to the original manufacturer's data plate. This plate (refer to Figure 1) shall be constructed of metal and is to be attached after the vehicle has completed the rebuild cycle. The data plate shall contain the following information:

VEH. SER. NODATE
REBUILT IN ACCORDANCE WITH RS 08784A-50
CONTRACTOR
(Figure 1)

b. Hardware.

- (1) Replace broken, unserviceable, and/or missing hardware including nuts, bolts, screws, washers, turnlock fasteners, etc., in accordance with the LVS MK17 RS 08784A-50. Unserviceable would include any of the above that failed to function properly.
- (2) Ensure proper hardware locking devices are present on all moving mechanical assemblies.
- (3) Hardware normally supplied with commercial parts shall be used unless specifically prohibited.
- c. <u>Application of Modification Instructions (MI's)</u>. The following MI's shall be applied during this phase of the REBUILD process: MI-2320-35/75, MI-2320-25/68, MI-08784A-25/1, and MI-08784A-45/2.

3.2.3 Phase III - Inspection, Testing, and Acceptance.

- a. Inspection, Testing and Acceptance of the LVS MK17 shall be conducted in accordance with the Final Inspection Checklist located in Table 2-4 of RS 08784A-50. This completed document shall be provided in accordance with Section 4.0 of this SOW.
- b. The contractor shall be responsible for conducting required tests and shall ensure all necessary personnel are available to complete the final acceptance. Acceptance tests shall be held at the contractor's facility. MCSC, (CSLE), Albany, Georgia representatives shall be given a minimum of two weeks notice prior to beginning acceptance testing. The test area shall be cleared of all equipment parts, components, etc., not required for testing.
- c. The contractor shall be responsible for correcting any deficiencies identified during inspection/testing. MCSC, (CSLE), Albany, Georgia may require the contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW.
- d. Acceptance testing on all LVS MK17 vehicles repaired under the provisions of this SOW shall be accomplished in accordance with RS 08784A-50.

3.2.4 Packaging, Handling, Storage and Transportation (PHS&T).

- a. The contractor shall be responsible for preservation and packaging of items repaired under the terms of this statement of work. Items scheduled for long term storage or shipment to overseas destinations shall be preserved and packaged in accordance with the level A requirements of ATPD 2241. Items scheduled for domestic shipment for immediate use or short-term storage shall be to level B requirements.
 - b. Marking for shipment and storage shall be in accordance with MIL-STD-129.
- c. The Marine Corps will provide the contractor with the shipping address(es) for delivery of the repaired equipment, and the contractor shall be responsible for arranging for shipment to

the pre-designated site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the Contractor.

- 3.3 <u>Configuration Control</u>. The contractor shall apply configuration control procedures to established configuration items. The contractor shall not implement configuration changes to an item's documented performance or design characteristics without prior written authorization. If it is necessary to temporarily depart from the authorized configuration, the contractor shall prepare and submit a Request For Deviation. MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing this configuration document.
- 3.4 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM). The Management Control Activity (MCA/Code 573-2) will coordinate Government Furnished Equipment/Government Furnished Materiel (GFE)/(GFM) requests and maintain a central control system on all government owned assets in the contractor's possession. The MCA will forward a GFE Accountability Agreement to the contractor for signature on an annual basis to establish a chain of custody and identify property responsibilities for Marine Corps assets. The contractor is to acknowledge receipt of GFM to the MCA within 15 days of receipt. (This can be done by mailing (Materiel Management Department, Management Control Activity (Code 573-2) 814 Radford Blvd, STE 20320, Albany, GA 31704-0320) or faxing (commercial 229-639-5498 or DSN 567-5498) a copy of the DD1348).
- 3.5 Contractor Furnished Materiel (CFM). The Contractor may requisition materiel as required in the performance of the SOW through the DoD Supply System. DoD 4000.25-1-M (MILSTRIP) Chapter 11 provides guidance to contractors on the requisitioning process. The contractor's decision to utilize CFM procured from the DoD Supply System shall be based upon cost effectiveness, availability of materiel and the required completion/delivery date.
- 3.6 Quality Assurance Provisions. The contractor shall provide and maintain a Quality System that, as a minimum, adheres to the requirement of ANSI/ISO/ASQC Q9002-1994, Quality Systems-Model for Quality Assurance in Production, Installation, and Servicing. Performance of the contractor and the quality of work delivered, materiel provided, and documents written shall be subject to review and inspection by MCSC, (CSLE), Albany, Georgia representatives during work performance at any work location. Authorized MCSC, (CSLE), Albany, Georgia, representatives shall be permitted to observe the work/task accomplishment or to conduct inspections during working hours. Inspection by MCSC, (CSLE), Albany, Georgia representatives, of test plans and materials furnished hereunder does not relieve the contractor from any responsibility regarding defects or other failures to meet work requirements which may be disclosed prior to final acceptance. Failure of the contractor to promptly correct deficiencies discovered shall be reason for suspension of acceptance until corrective action has been accomplished.

The contractor shall have in place documented procedures and standards for inspection requirements and the contractor's work shall be subject to reviews and inspections for compliance with these procedures and standards by MCSC, (CSLE), Albany, Georgia representatives. Noncompliance with procedures resulting in degraded quality of work may result

in a stop-work order requiring action by the contractor to correct the work performed and to enforce compliance with quality assurance procedures or face work termination. Notwithstanding such MCSC, (CSLE), Albany, Georgia representative inspection, it shall be the contractor's responsibility to ensure that the entire system meets the performance requirements delineated and addressed in this SOW.

- 3.7 <u>Rejection.</u> Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCSC, (CSLE), Albany, Georgia. The contractor shall, at no additional cost to MCLB, (CSLE), Albany, Georgia, provide the following:
 - a. Develop an approach for modification or correction of all deficiencies.
- b. Upon approval of a documented approach, the contractor shall correct the deficiencies and repeat the verification until an acceptable compliance with acceptance test procedures requirements is demonstrated.

4.0 REPORTS.

4.1 <u>Final Inspection Checklist</u>. The contractor shall complete the Final Inspection Checklist for each LVS MK17 repaired. These documents shall be available during final acceptance testing. One copy of each document shall be provided to Marine Corps Systems Command, Code (CSLE), 814 Radford Blvd. Suite 20320, Albany, Georgia 31704-0320, after final acceptance of the LVS MK17.

			# 51 <u>1</u>	Heal	K# No.	FS C	ZOZ	Part *	5	C114 5	↑ 10.00	Kepica	Replica Replace	Csed
			TM 2320-24P/14B	24P/14	6							%		
Cab Assm					01MRP2801									
Cap	(Sheetmetal)	netal)	210	-		2510	012332569	123616RU	-	\$8,872.31	\$8,872.31			
	VIsor		503	-	DOMPRYXX	2540	011527909	840	7	\$15.89	\$31.78			
	Step Bracket	acket	503	2	22 01MRP2549	2540	011513844	1325890	N	\$36.35	\$72.70			
:	Steps,	Steps, Cab (A1)	508	8	1759650W	5440	013575699	1759650 W	N	\$46.90	\$93.80			
	RIffe Ra	Rifle Racks (M.I.)(A1)	312	25		1005	012661233	5705590	-	\$68.87	\$68.87			
	Rack, Storage	torage	312	54		1095	007637348	11630529	2	\$19.76	\$38.52			
	Cover,	Cover, Access Assm, LH			01MRP2547	5342	012502237	128836C W	-	\$28.49	\$28.49			
	Auxilar	Auxilary Panel Assm			01MRP2547	5340	012479444	1340080 W	-	\$58.24	\$58.24			
	Access	Access Cover Assm, RH			01MPR2547		012484553	129200BU	-	\$82.28	\$82.28			
	Panel, Top	Гор			01MRP2547		012417405	1340100W	-	\$231.71	\$231.71			
eat an	d Frame	Seat and Frame Assy (Driver)			DOMRPXXX		011548406	130726	-	\$311.42	\$311.42			
	Seat CL	Seat Cushions	222	7			011538448	130723	-	\$38.54	\$38.54			
	Uphols	Upholstery, Seat Back	222	63		2540	012642024	130724	-	\$83.52	\$83.52			
	Belts		_		DOMERTXXX	5340	012366311	1429570	-	\$296.15	\$296.15			
	3 Point	3 Point Seat Belts (A1)	222	21			013606538	F08900	-	\$82.93	\$82.93			
	Absorb	Absorber, Shock	222	6		2510	011538450	707774	-	\$48.55	\$48.55			
	Support, Seat	t, Seat	509	37	37 01MRP2636	2540	011554155	1349180	1	\$57.15	\$57.15			
eat an	d Frame	Seat and Frame Assy (Pass, Fold Down)			DOMRPXXX	2540	012424866	131026	1	\$432.81	\$432.81			
	Seat C.	Seat Cushlons	222	~			011538448	130723	-	\$38.54	\$38.54			
	Belts				DOMRPXXX	5340	012366311	1429570	-	\$296.15	\$296.15			
	3 Point	3 Point Seat Belts (A1)	222	21			013606538	F08900	-	\$82.93	\$82.93			
	Support, Seat	t, Seat	209	37	01MRP2636	2540	011554155	1349180	-	\$57.15	\$57.15			
strum	ent Pane	Instrument Panel Assembly			01MRP2445	i								
	Weldm	Weldment, Dash Panel			01MRP2700		01A138795	1341930W	-	~	#VALUE			
	Harnes	Harness, Panel	75	F		2662	012475725	1500380W	-	\$43.67	\$43.67			
	Plate, S	Plate, Side Panel			01MRP2701			1345630	-	6	#VALUE!			
	Gages										\$0.00			
		Gage, Oll Pressure	73	4		6620	011428277	0634114	-	\$17.21	\$17.21			
		Gage, Air Pressure	313	-		6685	011218017	140490	-	\$49.35	\$49.35			
		Gage, Fuel	73	GT.		6680	011312551	0633915	-	\$17.35	\$17.35			
		Gage, Water Temp	73	7		6620	011319620	0634317	-	\$17.14	\$17.14			
		Gage, Transmission Oll Temp	73	20		6685	011324637	0634914	1	\$20.91	\$20.91			
		Gage, Voltmeter	73	25		6625	011027599	0635215	-	\$14.11	\$14.11			
		Gage, Hydraulic Oll Temp	73	90		6620	012443425	0697263	-	\$25.01	\$25.01			
		Tachometer	73	8		0899	011319693	535K1/47711	-	\$96.06	\$96.06			
		Speedometer	73	œ		0899	012674356	47828	-	\$114.03	\$114.03			
	Warnin	Warning Lights									\$0.00			
	Light, 1	Light, Warning Green	73	27		6210	010531290	1053628	9	\$23.07	\$69.21			
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	Shield, Light	71/19 73/53	75	F		6210	010549460	1215	က	\$3.05	\$9.15		
	Buzzer Warning System		75	23		6350	001024210	SC628	-	\$85.77	\$85.77		
	Low Air Pressure Alarm		73	77		6350	010524043	443724	-		\$0.00		
	Drive Line Lockup Valve		161	55		4820	010505584	285402	-	\$63.92	\$63.92		
_	Air Brake Valve(Air Control)		169	·	01MRP2642	4820	011517984	118569	1	\$162.69	\$162.69		
	Air Restrictor Indicator		33	9		2940	011544713	RAX007388	*-	\$18.18	\$18.18		

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved OMB No. 0704-0188

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A. CONTRACT LINE	ITEM NO.	B. EXHIBIT		C. CATEGORY:	ATILE	×			7
D. SYSTEM/ITEM			E. CONTRACT/PR	TDP TM	F. CONTRA				
	ropside, LVS MK	-17	C. CONTINUE (F. N	i NO.	r. Cumina	ACTON			
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A001	-	Request	For Deviation	1		Configuration Man	nageme	nt	
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17. PRICE GROUP

18. ESTIMATED

TOTAL PRICE